

This factsheet is a result of the second Wageningen University & Research (WUR) Data Science and AI Fellowship program. With this program we aim to increase and integrate our expertise in DS/AI throughout the entire organisation. The variety of projects highlights the potential for DS/AI across the WUR domains.

Author: Luc Steinbuch and Cindy Quik

Workshop FAIR data and data reuse

for the Environmental Sciences Group of WUR



Objective

Create awareness, increase experience and implementation of 'best practices' among Environmental Sciences Group (ESG) researchers on FAIR data publishing.

Method

We designed and organized a one-day workshop, where in the context of FAIR the following themes were discussed and practiced: scientific transparency and reproducibility; how to write a README; data and code licenses; spatial data; programming code; examples of published datasets; data reuse; and discipline and motivation. All workshop materials were designed with further development and reuse in mind and shared within and beyond WUR.

Results

The workshop was attended by 16 participants from both the university part and the research part of ESG; one participant joined from the Plant Sciences Group. According to the anonymous evaluation, all participants appreciated the format and content of the workshop, which was characterized by a strong practice-oriented approach, interactivity and sharing of experiences by fellow ESG researchers.

The developed materials (PowerPoint presentations, hand-outs, and a README with further details) were made available through open access with a CC BY-NC license.

Impact

At the end of the workshop, each participant formulated and shared a personal concrete next step, or specific intention, towards more FAIR data management. Also, the participating data stewards indicated interest in passing through the workshop contents and hand-outs. We expect this workshop to increase the FAIRness of ESG research data.

Future plans

Based on the received feedback and overall very positive response to the workshop, we can recommend future editions of this workshop for ESG and adapted versions for WUR's other research departments.

Further information

Workshop contents: doi.org/10.4121/21399975

Creators: Cindy Quik, Luc Steinbuch, and partly Maarten Storm, 2022

Long term contacts: ESG Lead Data Steward Maarten Storm, ESG-SGL chair group leader Jakob Wallinga.